

ASUS PRIME A620M-K AM5 mATX Motherboard

Sale Price: 13500.0



PRODUCT ID: 00594

Basic Information

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| Supported CPU | AMD Socket AM5 for AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors |
| Chipset | AMD A620 Chipset |
| BIOS | 256 Mb Flash ROM, UEFI AMI BIOS |
| Form Factor | micro-ATX Form Factor 8.9 inch x 8.7 inch (22.6 cm x 22.1 cm) |
| Audio | Realtek 7.1 Surround Sound High Definition Audio CODEC* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features - Audio Shielding - Premium audio capacitors - Dedicated audio PCB layers |

Expansion

Slots

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| PCI | AMD Ryzen 9000 & 7000 Series Desktop Processors* 1 x PCIe 4.0 x16 slot (supports x16 mode) AMD Ryzen 8000 Series Desktop Processors 1 x PCIe 4.0 x16 slot (supports x8/x4 mode)** AMD A620 Chipset 1 x PCIe 3.0 x1 slot |
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Memory

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| Type | DDR5 |
| Slots | 2 x DIMM slots |

Basic Information

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| Supported Memory | 7200+ (OC)/7000(OC)/6800(OC)/6600(OC)/6400(OC)/6200(OC)/6000(OC)/5800(OC)/5600(OC)/5400(OC)/5200/5000/4800 Non-ECC, Un-buffered Memory* Dual Channel Memory Architecture Supports AMD Extended Profiles for Overclocking (EXPO) |
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| Maximum Memory | Max. 96GB |
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Graphics

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| Graphics | 1 x VGA port 1 x HDMI port |
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Connector & Ports

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| HDMI | 1x HDMI |
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| VGA (s) | 1 x VGA port |
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| USB (s) | Rear USB (Total 6 ports) 4 x USB 3.2 Gen 1 (5G) ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) Front USB (Total 6 ports) 1 x USB 3.2 Gen 1 (5G) header supports 2 additional USB 3.2 Gen 1 ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports |
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| LAN Port (s) | 1 x Realtek 1Gb Ethernet |
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| Supported Storage | Total supports 1 x M.2 slot and 4 x SATA 6Gb/s ports* AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) AMD A620 Chipset 4 x SATA 6Gb/s ports * AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/10 and SATA RAID 0/1/10. |
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| Audio | 3 x Audio jacks |
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Basic Information

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| Internal I/O Ports | Internal I/O Connectors Fan and Cooling-related 1 x 4-pin CPU Fan header 1 x 4-pin Chassis Fan header Power related 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector Storage related 1 x M.2 slot (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 3.2 Gen 1 (5G) header supports 2 additional USB 3.2 Gen 1 ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports Miscellaneous 2 x Addressable Gen 2 headers 1 x Aura RGB header 1 x Clear CMOS header 1 x COM Port header 1 x Front Panel Audio header (AAFP) 1 x S/PDIF Out header 1 x Speaker header 1 x 10-1 pin System Panel header Back Panel I/O Ports 4 x USB 3.2 Gen 1 (5G) ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) 1 x VGA port 1 x HDMI port 1 x Realtek 1Gb Ethernet port 3 x Audio jacks 1 x PS/2 Keyboard/Mouse combo port |
| TPM (Trusted Platform Module) | 1 x SPI TPM header (14-1pin) |

Others

Basic Information

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| Special Features | ASUS 5X PROTECTION III - DIGI+ VRM - LANGuard - Overvoltage Protection - SafeSlot Core - Stainless-Steel Back I/O ASUS Q-Design - Q-DIMM - Q-LED Core - Q-Slot ASUS Thermal Solution - Aluminum heatsink design Aura Sync - Aura RGB header - Addressable Gen 2 headers |
| Bundled Software | ASUS Exclusive Software Armoury Crate - Aura Creator - Aura Sync - Fan Xpert - Power Saving - Two-Way AI Noise Cancellation AI Suite 3 - TurboV EVO - DIGI+ VRM - PC Cleaner ASUS CPU-Z Norton 360 Deluxe (60 Days Free Trial) WinRAR UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode |

Warranty Information

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| Manufacturing Warranty | 3 Years Warranty |
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